

Docket 61784
Serial No. 10/800,248

PATENT APPLICATION

RECEIVED
CENTRAL FAX CENTER

JUN 14 2007

AMENDMENTS TO THE CLAIMS

Claims 1-12 (canceled)

- 1 13. (currently amended) A portable tire and wheel lifting apparatus, comprising:
2 a base having opposed side members;
3 a pair of lifting arms pivotally coupled to one another and arranged in a scissor
4 configuration for relative up and down movement, each said lifting arm having a
5 first end and a second opposed end;
6 a pair of air cylinders pivotally coupled to respective side members of said base, each air
7 cylinder receiving a corresponding first end of a respective lifting arm for relative
8 movement of said respective lifting arm between retracted and extended
9 configurations;
10 means for selectively imparting a stream of air to said pair of air cylinders for moving
11 said lifting arms from said retracted to said extended configuration;
12 means for selectively releasing air from said pair of air cylinders for moving said lifting
13 arms from said extended configuration to said retracted configuration; and
14 wherein said second ends of said lifting arms are configured to support a tire and wheel
15 thereon;

Docket 61784
Serial No. 10/800,248

PATENT APPLICATION

16 a pair of rollers rotatably mounted to respective said second ends of said lifting arms for
17 supporting said tire and wheel atop said rollers and in direct contact therewith for
18 allowing said tire and wheel to rotate thereon; and
19 a pair of ramp members mounted to respective side members of said base and situated in
20 direct contact upon said base, said pair of ramp members having a configuration
21 for allowing a tire to be rolled smoothly between a ground surface and said
22 second ends of said lifting arms.

1 14. (canceled)

1 15. (canceled)

1 16. (original) The apparatus as in claim 13 wherein each said lifting arm includes a lower
2 segment angularly offset from an upper segment.

1 17. (original) The apparatus as in claim 13 further comprising an air inlet valve in said
2 base and tubing to connect said air cylinders to said air inlet valve.

Docket 61784
Serial No. 10/800,248

PATENT APPLICATION

1 18. (original) The apparatus as in claim 13 further comprising a plurality of wheels
2 coupled to said base for selective movement of said base along a ground surface.

1 19. (canceled)

1 20. (canceled)